Appl. No. 10/671,884 PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Canceled)

- 3. (Canceled)
- 4. (Canceled)
- 5. (Canceled)
- 6. (Canceled)
- 7. (Previously presented) A non-woven, wet laid fiber mat produced by dewatering an aqueous slurry of fibers, the fibers being bonded together with a cured binder composition comprising a urea-formaldehyde resin modified with a protein, said protein provided in an amount of 0.1% to 10% by weight of resin and protein solids.
- 8. (Original) The fiber mat of claim 7 wherein the protein is a vegetable protein.
- 9. (Original) The fiber mat of claim 8 wherein the vegetable protein is a soy protein.
- 10. (Original) The fiber mat of claim 9 wherein the soy protein is a soy flour.

Appl. No. 10/671,884 PATENT

11. (Previously presented) The fiber mat of claim 10 having the soy flour in an amount of about 0.2% to about 7% by weight of urea-formaldehyde resin and protein solids.

- 12. (Original) The fiber mat of claim 11 made using glass fibers.
- 13. (Original) The fiber mat of claim 7 wherein the binder comprises a binder modifier selected from the group consisting of a styrene-maleic anhydrde copolymer; a non-ionic amine oxide, optionally with a latex or a water-soluble polymer; a water-insoluble anionic phosphate ester and a fatty alcohol; and a styrene/acrylate/acrylonitrile polymer, supplemented with a polysiloxane.
- 14. (Amended-Withdrawn) A process for making a fiber mat of claim 7 comprising (a) forming an aqueous dispersion of fibers; (b) passing the dispersion through a mat forming screen to form a wet non-woven mat and (c) applying a binder composition to the wet non-woven mat, the binder composition comprising a urea-formaldehyde resin modified with a protein, said protein provided in an amount of 0.1% to 10% by weight of resin solids.
- 15. (Withdrawn) The process of claim 14 wherein the protein is a vegetable protein.
- 16. (Withdrawn) The process of claim 15 wherein the vegetable protein is a soy protein.
- 17. (Withdrawn) The process of claim 16 wherein the soy protein is a soy flour.
- 18. (Withdrawn) The process of claim 17 having the soy flour in an amount of about 0.2% to about 7% by weight of urea-formaldehyde resin solids

Appl. No. 10/671,884 PATENT

19. (Withdrawn) The process of claim 18 wherein the fibers are glass fibers.

- 20. (Withdrawn) The process of claim 14 wherein the binder comprises a binder modifier selected from the group consisting of a styrene-maleic anhydrde copolymer; a non-ionic amine oxide, optionally with a latex or a water-soluble polymer; a water-insoluble anionic phosphate ester and a fatty alcohol; and a styrene/acrylate/acrylonitrile polymer, supplemented with a polysiloxane.
- 21. (NEW) A non-woven, wet laid fiber mat produced by dewatering an aqueous slurry of fibers, the fibers being bonded together with a cured binder composition comprising a urea-formaldehyde resin modified with a protein and a styrene-maleic anhydrde copolymer, said protein provided in an amount of 0.1% to 10% by weight of resin and protein solids.